

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
 Data File : BG048999.D
 Acq On : 16 Jun 2021 14:54
 Operator : CG/JU
 Sample : M2672-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(16-20)

Quant Time: Jun 16 16:01:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

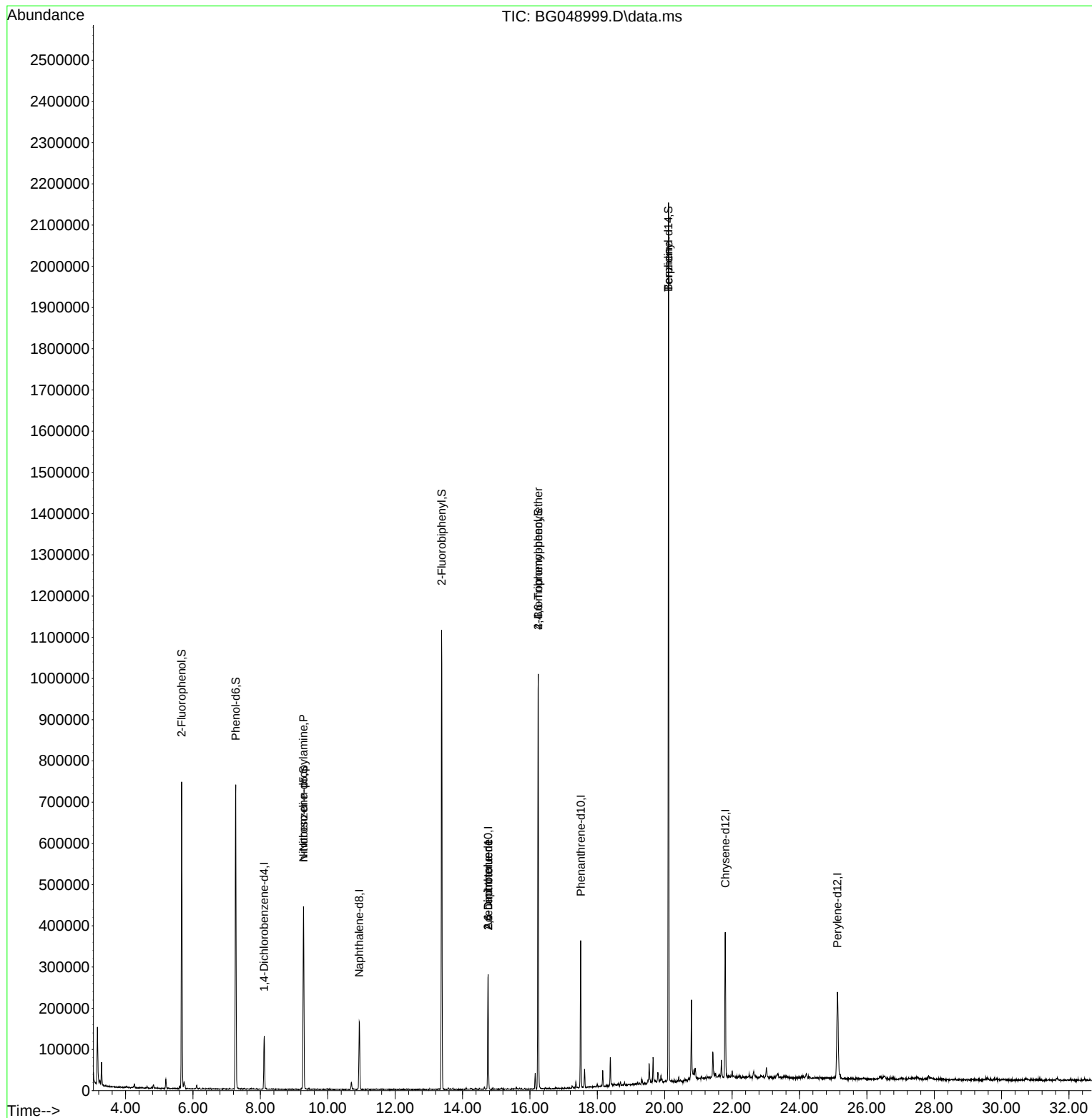
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	33213	20.000	ng	# 0.00
21) Naphthalene-d8	10.935	136	133381	20.000	ng	# 0.00
39) Acenaphthene-d10	14.760	164	98265	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	237961	20.000	ng	# 0.00
76) Chrysene-d12	21.799	240	226491	20.000	ng	0.00
86) Perylene-d12	25.124	264	241649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	282726	132.512	ng	0.00
7) Phenol-d6	7.268	99	376734	117.809	ng	0.00
23) Nitrobenzene-d5	9.278	82	267853	86.592	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	189909	130.445	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	555487	79.857	ng	0.00
79) Terphenyl-d14	20.112	244	992948	80.290	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.278	70	40395	16.161	ng	# 74
51) 2,6-Dinitrotoluene	14.760	165	12458	7.992	ng	# 14
57) 2,4-Dinitrotoluene	14.760	165	12458	6.507	ng	# 19
67) 4-Bromophenyl-phenylether	16.246	248	12460	4.194	ng	# 1
77) Benzidine	20.112	184	20462	4.485	ng	# 77

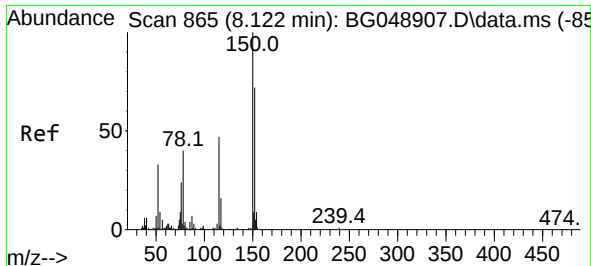
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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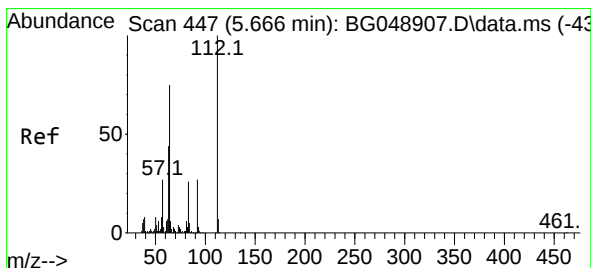
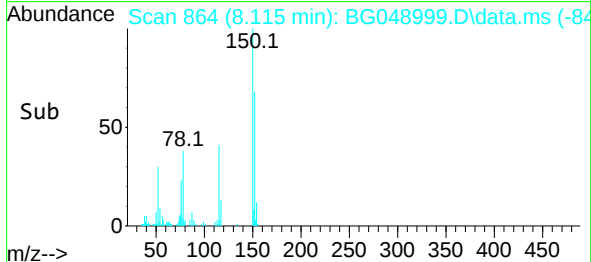
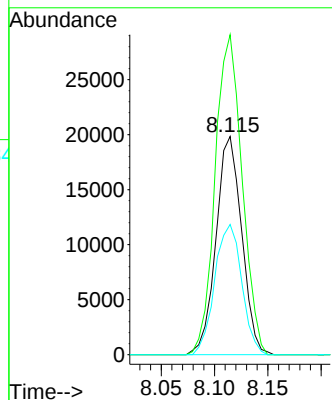
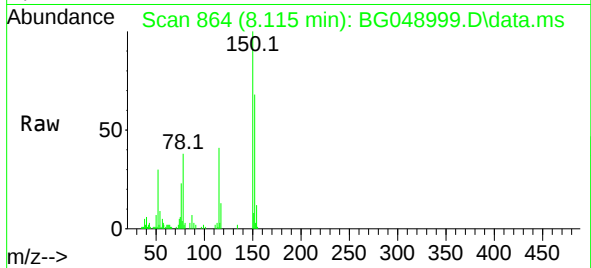




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.115 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

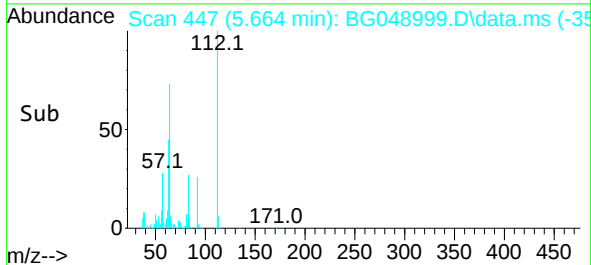
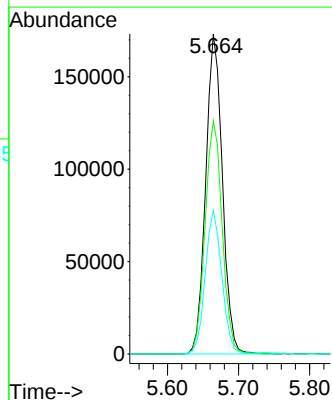
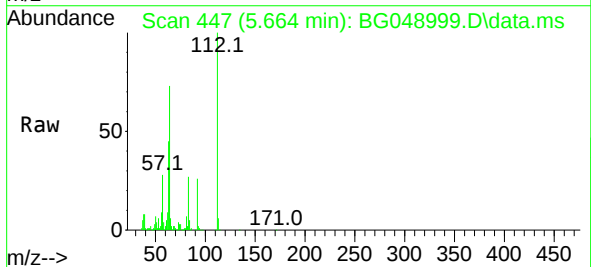
Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

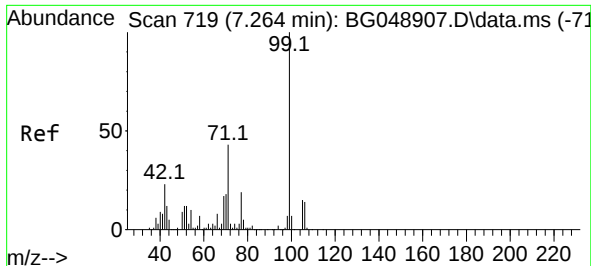
Tgt Ion:152 Resp: 33213
Ion Ratio Lower Upper
152 100
150 146.7 119.4 179.0
115 59.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 132.512 ng
RT: 5.664 min Scan# 447
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Tgt Ion:112 Resp: 282726
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 44.8 35.3 52.9

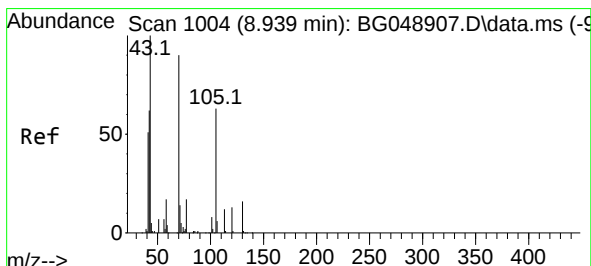
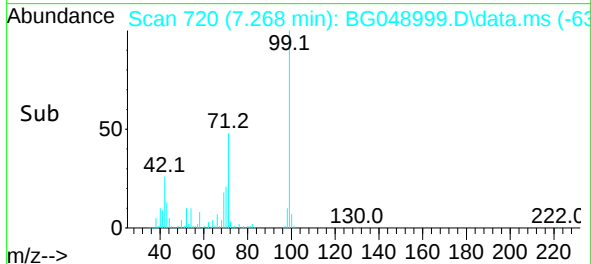
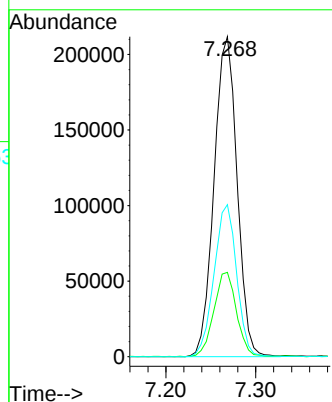
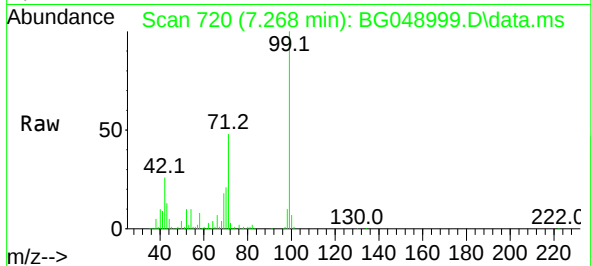




#7
Phenol-d6
Concen: 117.809 ng
RT: 7.268 min Scan# 720
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

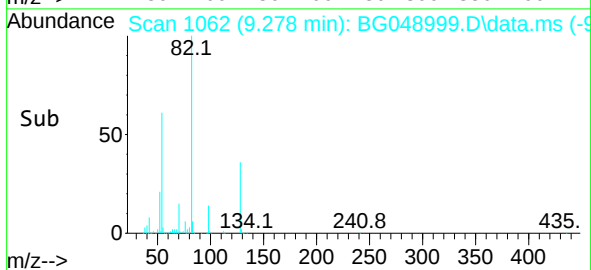
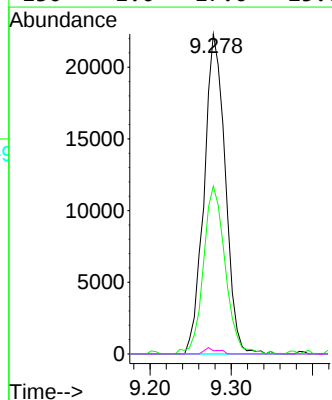
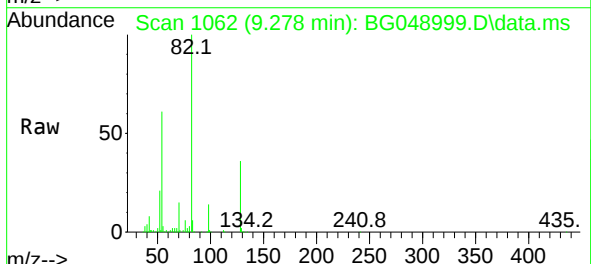
Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

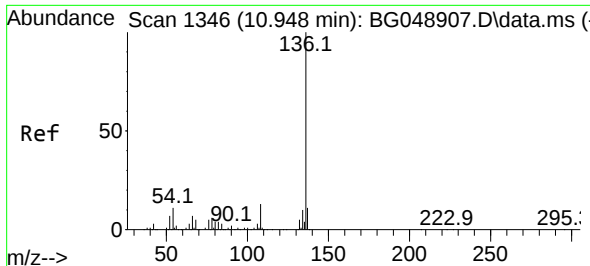
Tgt Ion: 99 Resp: 376734
Ion Ratio Lower Upper
99 100
42 26.3 20.5 30.7
71 47.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.161 ng
RT: 9.278 min Scan# 1062
Delta R.T. 0.354 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Tgt Ion: 70 Resp: 40395
Ion Ratio Lower Upper
70 100
42 52.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#

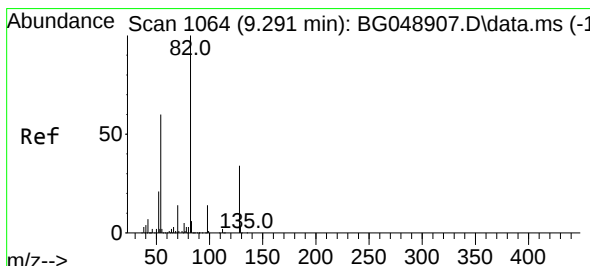
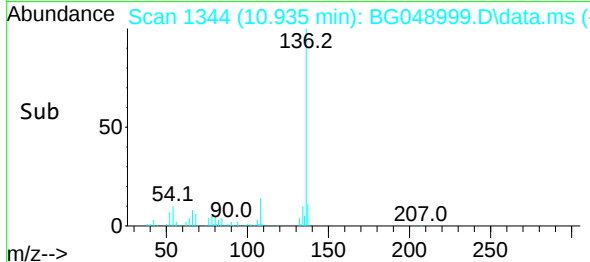
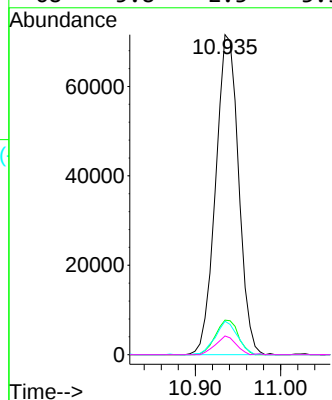
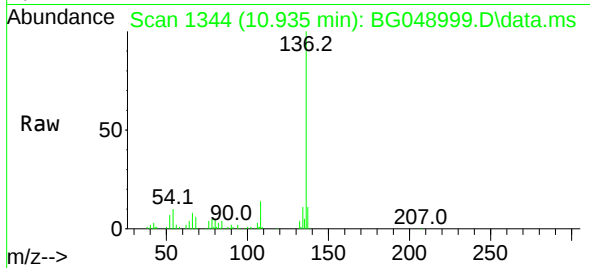




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.935 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

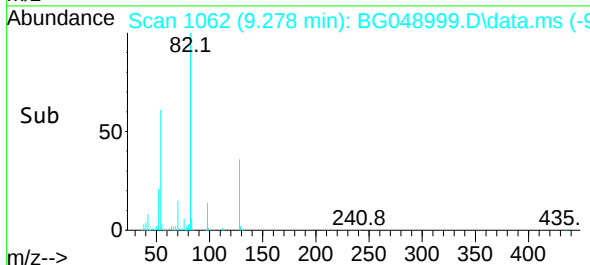
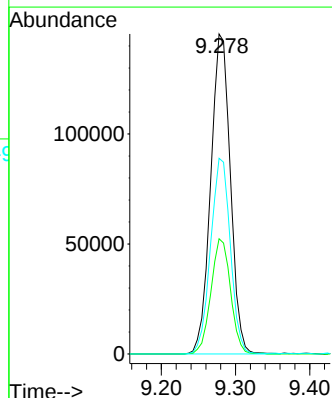
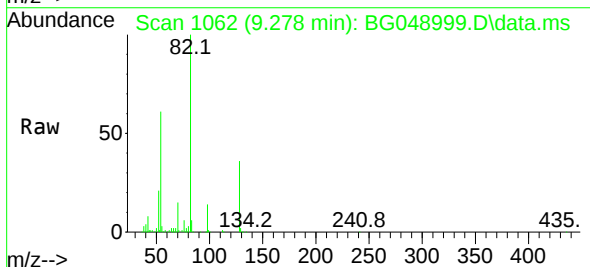
Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

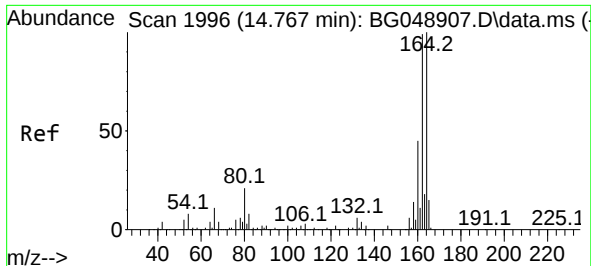
Tgt Ion:136	Resp: 133381
Ion Ratio	Lower Upper
136 100	
137 10.8	8.2 12.2
54 10.5	5.5 8.3#
68 5.8	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 86.592 ng
RT: 9.278 min Scan# 1062
Delta R.T. -0.005 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Tgt Ion: 82	Resp: 267853
Ion Ratio	Lower Upper
82 100	
128 36.0	29.8 44.6
54 61.1	45.8 68.8

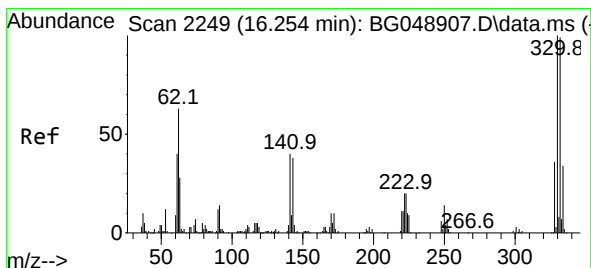
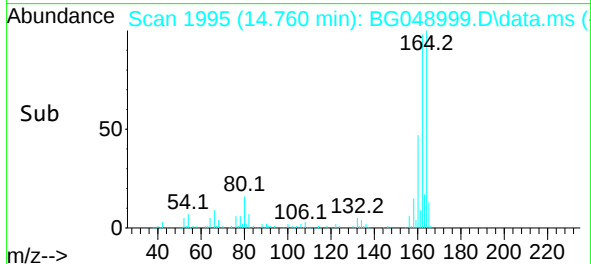
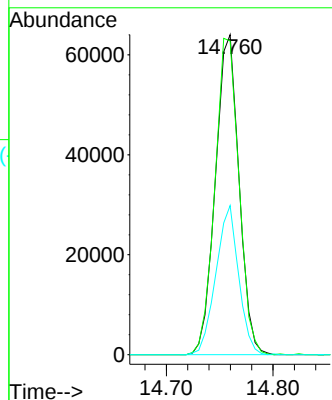
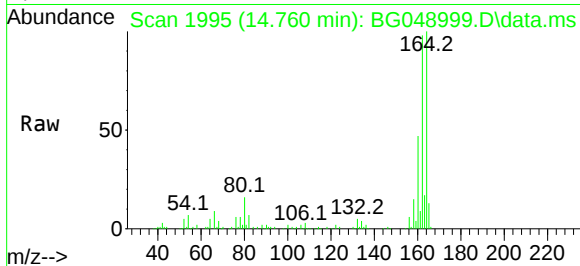




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.760 min Scan# 1995
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

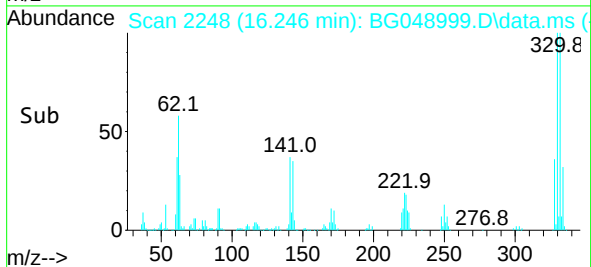
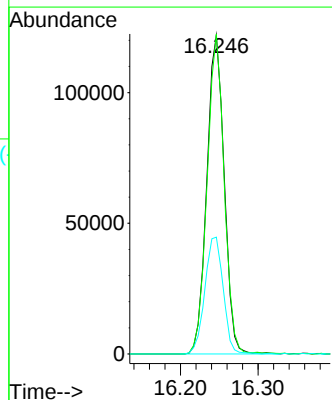
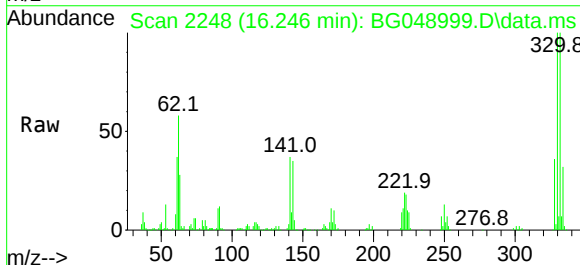
Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

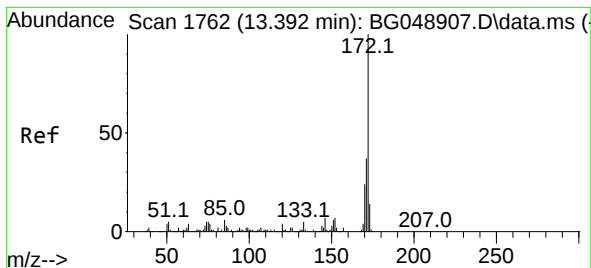
Tgt Ion:164 Resp: 98265
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 46.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 130.445 ng
RT: 16.246 min Scan# 2248
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Tgt Ion:330 Resp: 189909
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 38.7 35.6 53.4

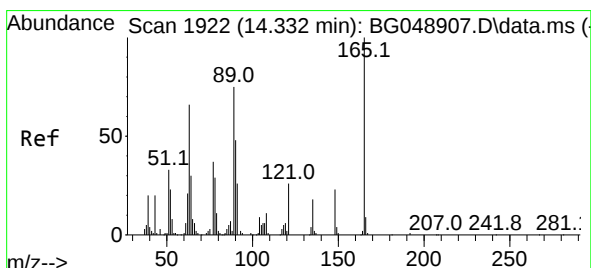
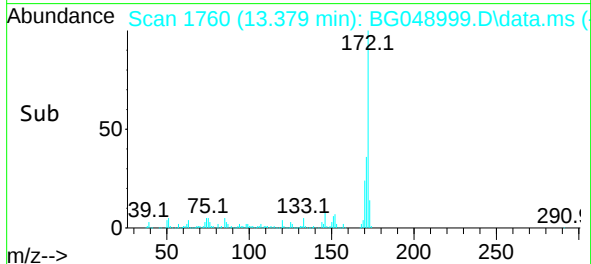
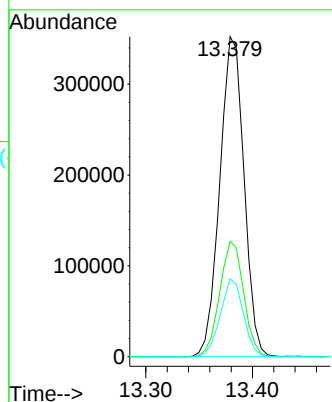
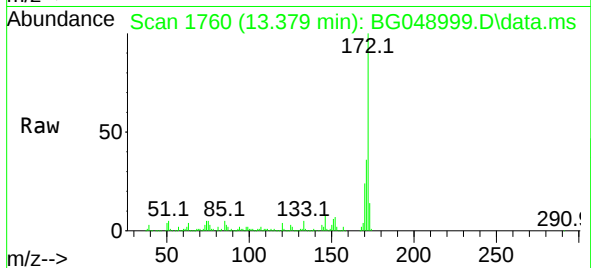




#45
2-Fluorobiphenyl
Concen: 79.857 ng
RT: 13.379 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

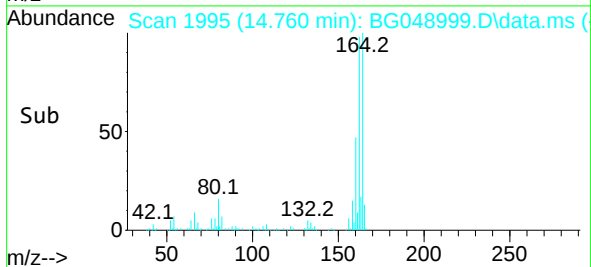
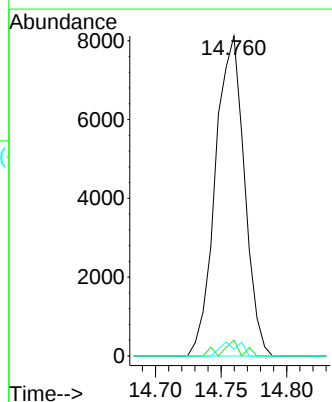
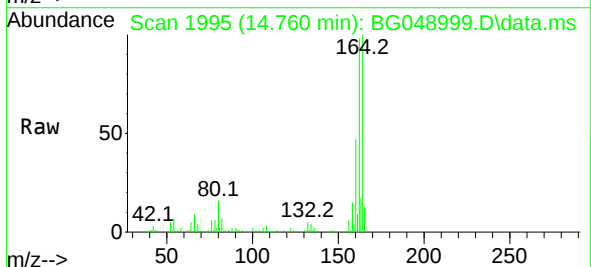
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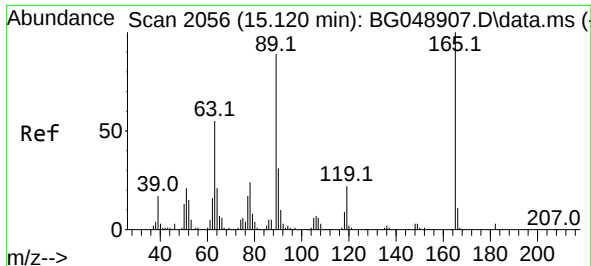
Tgt Ion:172 Resp: 555487
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 14.760 min Scan# 1995
Delta R.T. 0.436 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

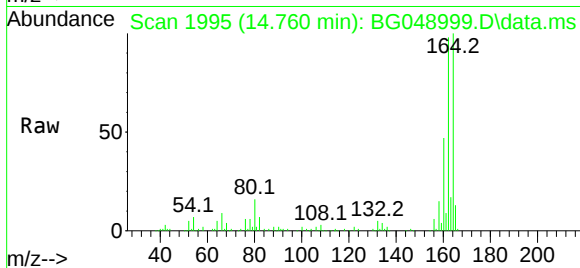
Tgt Ion:165 Resp: 12458
Ion Ratio Lower Upper
165 100
63 5.0 63.3 94.9#
89 2.1 63.4 95.0#



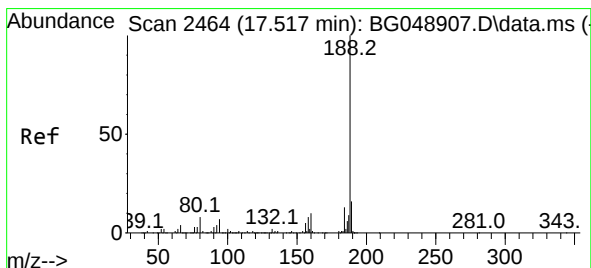
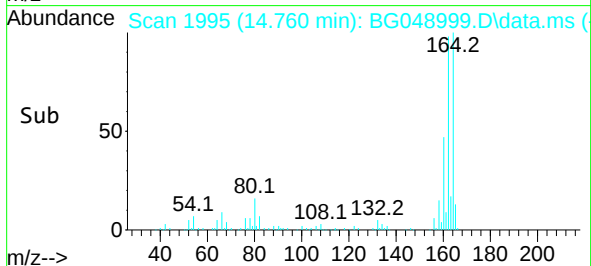
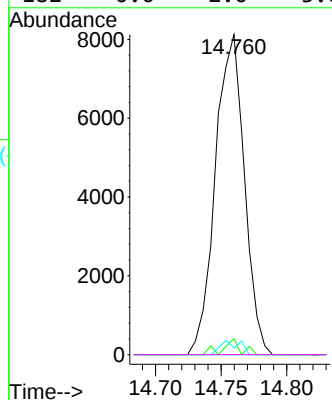


#57
2,4-Dinitrotoluene
Concen: 6.507 ng
RT: 14.760 min Scan# 1995
Delta R.T. -0.352 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

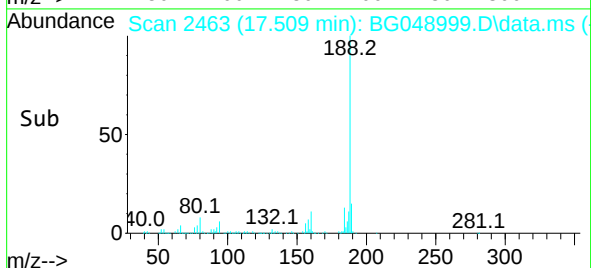
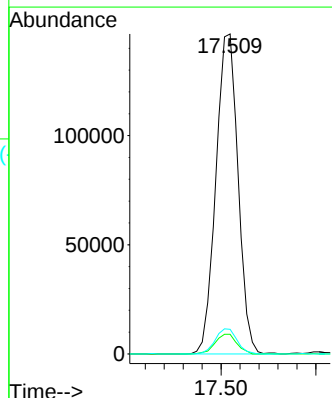
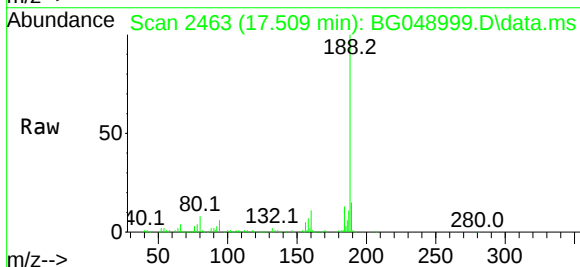


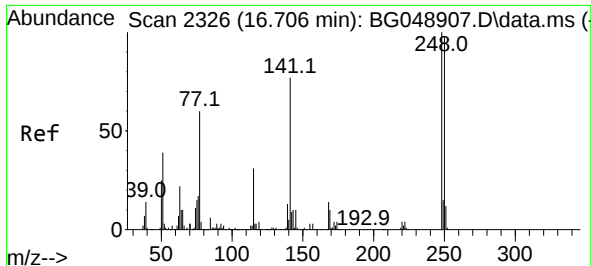
Tgt Ion:165 Resp: 12458
Ion Ratio Lower Upper
165 100
63 5.0 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2463
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Tgt Ion:188 Resp: 237961
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.7 3.7 5.5#

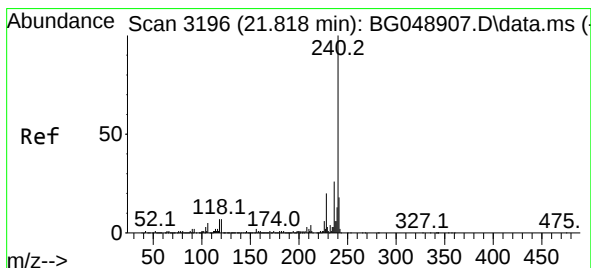
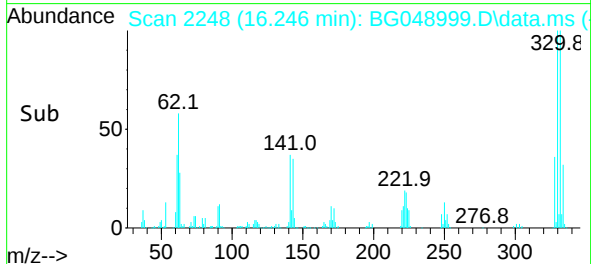
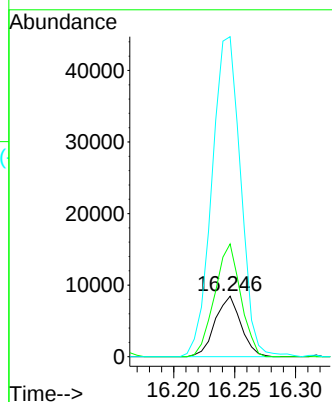
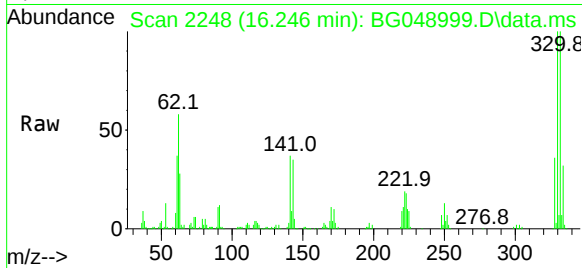




#67
4-Bromophenyl-phenylether
Concen: 4.194 ng
RT: 16.246 min Scan# 2248
Delta R.T. -0.446 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

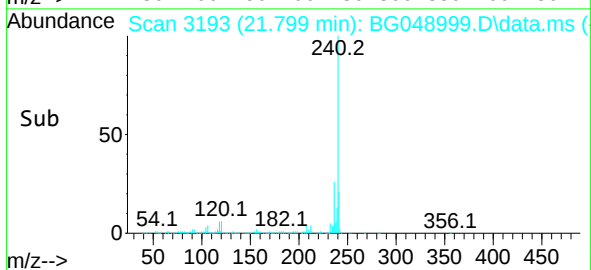
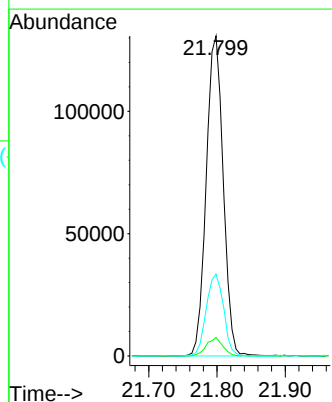
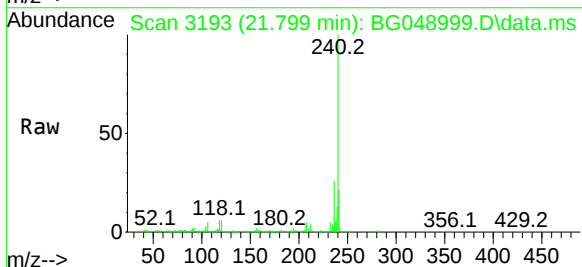
Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

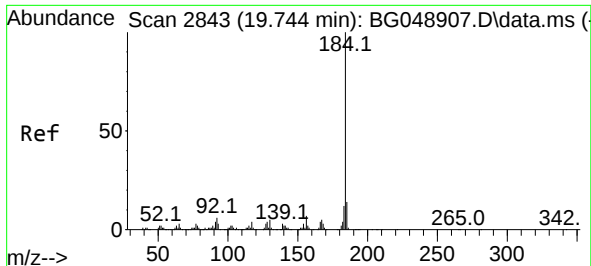
Tgt Ion:248 Resp: 12460
Ion Ratio Lower Upper
248 100
250 186.6 76.1 114.1#
141 529.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.799 min Scan# 3193
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

Tgt Ion:240 Resp: 226491
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 25.6 21.8 32.6

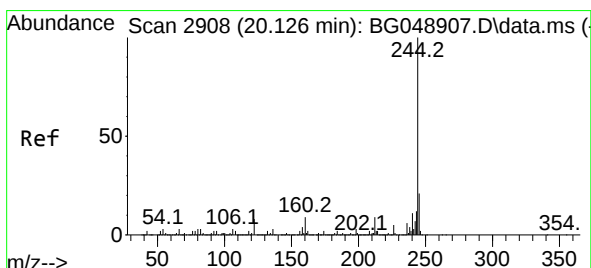
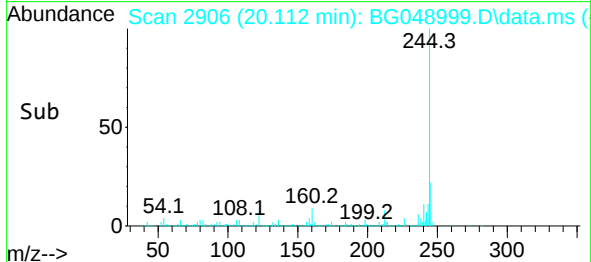
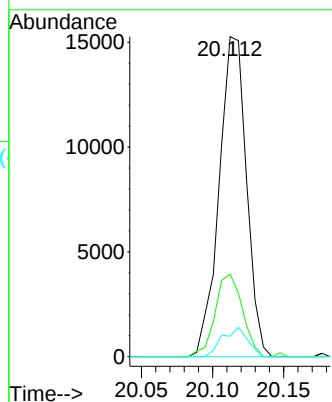
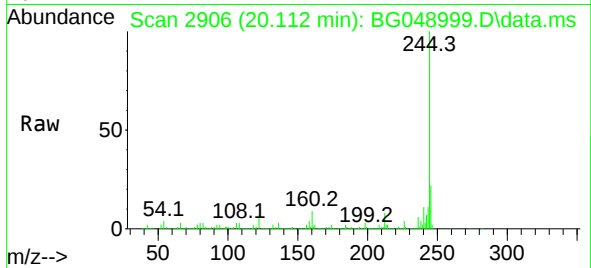




#77
Benzidine
Concen: 4.485 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.383 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

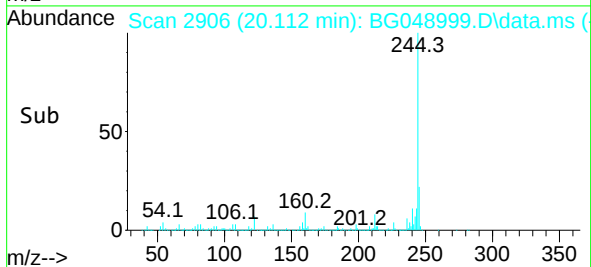
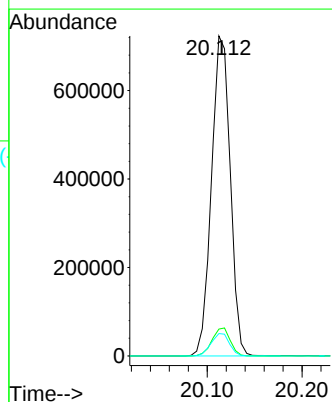
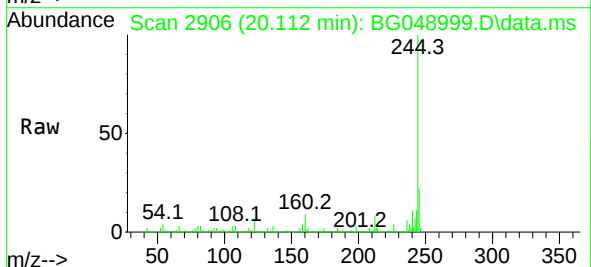
Instrument :
BNA_G
ClientSampleId :
17-B6(16-20)

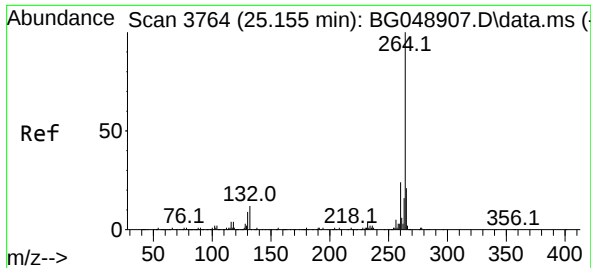
Tgt Ion:184 Resp: 20462
Ion Ratio Lower Upper
184 100
185 25.8 10.7 16.1#
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.290 ng
RT: 20.112 min Scan# 2906
Delta R.T. 0.001 min
Lab File: BG048999.D
Acq: 16 Jun 2021 14:54

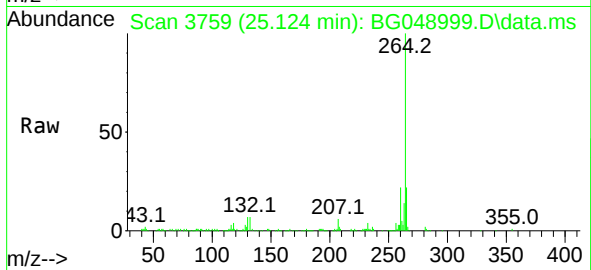
Tgt Ion:244 Resp: 992948
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.124 min Scan# 3759
 Delta R.T. -0.005 min
 Lab File: BG048999.D
 Acq: 16 Jun 2021 14:54

Instrument :
 BNA_G
 ClientSampleId :
 17-B6(16-20)



Tgt Ion:264	Resp:	241649
Ion Ratio	Lower	Upper
264	100	
260	22.0	19.4 29.2
265	21.6	16.9 25.3

